

# INTERNATION SEARCH REPORT

IB2004/001582

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 B66B5/00 B66B11/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) & JP 2002 020062 A (MITSUBISHI ELECTRIC CORP), 23 January 2002 (2002-01-23)	1-8, 10
Y	abstract	2-5, 9
A		11
X	GB 2 379 654 A (MASZLIK IMRE) 19 March 2003 (2003-03-19)	1, 6-10
Y	page 4, lines 4-21	2-5, 9
A		11
A	EP 1 386 876 A (MITSUBISHI ELECTRIC CORP) 4 February 2004 (2004-02-04) abstract	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3016

Authorized officer

Eckenschwiller, A

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IB2004/001582

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03, 31 March 1997 (1997-03-31) &amp; JP 08 310771 A (MITSUBISHI DENKI BILL TECHNO SERVICE KK), 26 November 1996 (1996-11-26) abstract</p> <p>-----</p>	1-11

# INTERNATIONAL SEARCH REPORT

IB2004/001582

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2002020062	A	23-01-2002	NONE	
GB 2379654	A	19-03-2003	NONE	
EP 1386876	A	04-02-2004	WO EP	02085773 A1 1386876 A1
				31-10-2002 04-02-2004
JP 08310771	A	26-11-1996	JP	3375455 B2
				10-02-2003